Panasonic R134a QB series

Performance & dimensions

Application: Low back pressure
Refrigerant: R134a (CF_3CH_2F)
Evaporator temp range: -35℃ to -5 ℃

Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - W/W		Capacity		COP – W/W		
		W	kcal/hr	RSIR	RSCR	W	kcal/hr	RSIR	RSCR	
220V 50Hz/60Hz	QB51C99GAX0	128	110	1.14	-	157	135	1.17	-	170V-250V 50Hz 187V-242V 60Hz
	QB57C11GAX0	146	126	1.18	-	175	151	1.22	-	
	QB66C16GAX0	165	142	1.20	-	200	172	1.27	-	
	QB77C18GAX0	202	174	1.21	-	224	193	1.27	-	
	QB91C24GAX0	236	203	1.19	-	255	219	1.22	-	
220V 50Hz	QB66C13GAX5	165	142	1.19	-					170V-250V
	QB73C15GAX5	185	159	1.19	-					
	QB77C16GAX5	202	174	1.22	-					
	QB91C19GAX5	236	203	1.25	-					

Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - W/W		Capacity		COP – W/W		
		W	kcal/hr	CSIR	RSCR	W	kcal/hr	CSIR	RSCR	
220V 50z/60Hz	QB110C25CAX0	273	235	1.18	-	279	240	1.19	-	170V-250V 50Hz 198V-242V 60Hz

Condition	ASHRAE
Condensing temperature:	54.4 °C
Evaporating temperature:	-23.3 °C
Gas superheated to:	32.2 °C
Liquid subcooled to:	32.2 °C
Ambient temperature:	32.2 °C

Notes: All data covered by this catalogue are given as general information only.
Since we are constantly improving our products, as the specifications and availability are subject to change without notice

Performance & dimensions

Appearance - representative

Rated voltage / Frequency	Model		Dimension -mm			Mount	
	Name	Cooling type	A	B	C	Dia.-mm	Pitch-mm
220V 50Hz/60Hz	QB51C99GAX0	ST/FC	184.6	195.2	186.6	Ø16 * 4 Ø19 * 4	70 * 170 101.6 * 165.1
	QB57C11GAX0	ST/FC					
	QB66C16GAX0	ST/FC	184.6	215	206.4		
	QB77C18GAX0	FC					
	QB91C24GAX0	FC					
	QB110C25CAX0	FC					
	QB66C16GAX0	OC	184.6	221	212.4		
	QB77C18GAX0	OC					
	QB91C24GAX0	OC					
	QB110C25CAX0	OC					
220V 50Hz	QB66C13GAX5	ST	184.6	195.2	186.6	Ø16 * 4 Ø19 * 4	70 * 170 101.6 * 165.1
	QB73C15GAX5	ST	184.6	215	206.4		
	QB73C15GAX5	OC	184.6	221	212.4		
	QB77C16GAX5	OC					
	QB91C19GAX5	OC					

Note) Compressor cooling: ST = Static cooling, FC = Fan cooling, OC = Oil cooling

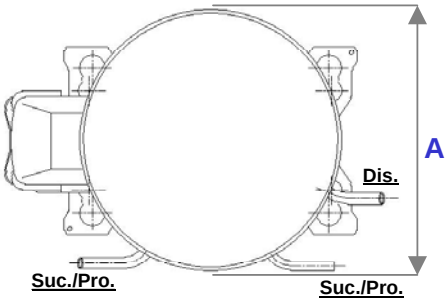
Tube dimension - representative

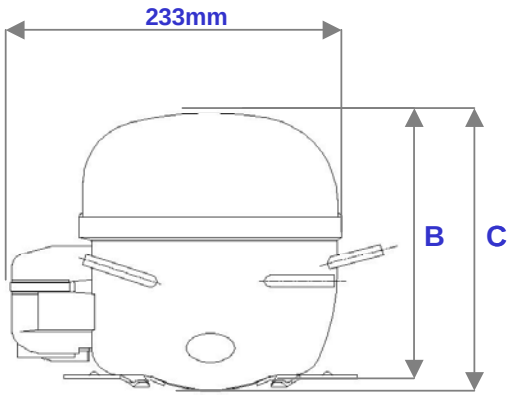
Rated voltage / Frequency	ID / OD -mm				Location of Suction tube
	Dis.	Suc.	Pro.	Oil cooler	
220V 50Hz/60Hz	4.9 / 7.0	6.5 / 8.3	6.5 / 8.3	4.9 / 7.0	Either side
220V 50Hz	4.9 / 7.0	6.5 / 8.3	6.5 / 8.3	4.9 / 7.0	Either side

Notes: All data covered by this catalogue are given as general information only.
Since we are constantly improving our products, as the specifications and availability are subject to change without notice

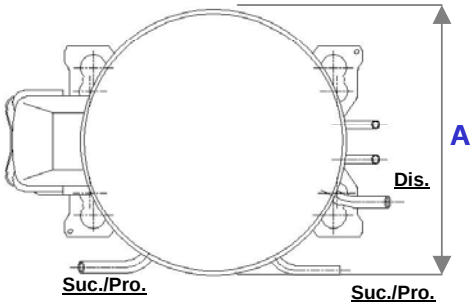
Performance & dimensions

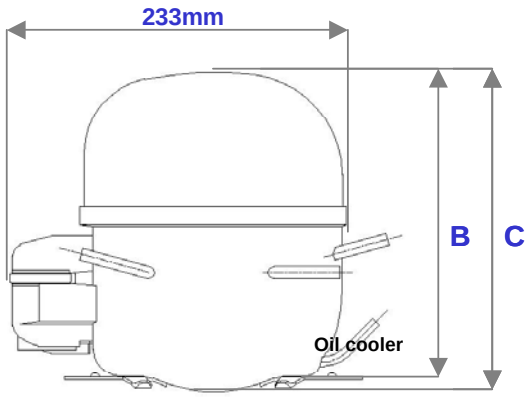
Static / Fan cooling





Oil cooling





Notes: All data covered by this catalogue are given as general information only.
Since we are constantly improving our products, as the specifications and availability are subject to change without notice